

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	22845	"331"/\$.CCLS.	US-PGPUB; USPAT	OR	OFF	2004/07/06 13:24
S2	20941	"331"/\$.CCLS. AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2003/12/08 11:48
S3	28	("331"/\$.CCLS. AND @pd<"20001229") AND (FFT OR DFFT OR "fast fourier")	US-PGPUB; USPAT	OR	OFF	2003/12/08 13:02
S4	50	("6011824" "5410351" "5949908" "6167157" "5179623" "5825846" "4553165" "4825285" "5299238" "5754699" "6046784" "6141449" "6152883" "4504860" "4862399" "4887151" "4941043" "5216516" "5272528" "5491761" "5524149" "5532747" "5557332" "5606372" "5636142" "5657086" "5666115" "5754234" "5771073" "5881301" "6078615" "6104434" "4302775" "4633296" "4772946" "4829376" "4851906" "4914693" "4999715" "5006931" "5184316" "5185800" "5214502" "5239308" "5268755" "5298990" "5298997" "5361278" "5384849" "5396567").pn.	US-PGPUB; USPAT	OR	OFF	2003/12/08 13:16
S5	35259	"375"/\$.CCLS.	US-PGPUB; USPAT	OR	OFF	2003/12/08 13:17
S6	23245	"375"/\$.CCLS. AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2003/12/10 11:07
S7	200	("375"/\$.CCLS. AND @pd<"20001229") AND (DSP AND (FFT OR "fast fourier")) AND phase	US-PGPUB; USPAT	OR	OFF	2003/12/08 15:36
S8	27	Goertzel AND "375"/\$.CCLS.	US-PGPUB; USPAT	OR	OFF	2003/12/08 15:37
S9	23245	"375"/\$.CCLS. AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2003/12/10 15:01
S10	17	("375"/\$.CCLS. AND @pd<"20001229") AND (TDMA AND OFDM)	US-PGPUB; USPAT	OR	OFF	2003/12/09 09:58
S11	911	("375"/\$.CCLS. AND @pd<"20001229") AND (SNR OR "signal to noise")	US-PGPUB; USPAT	OR	OFF	2003/12/09 10:17
S12	862	((("375"/\$.CCLS. AND @pd<"20001229") AND (SNR OR "signal to noise"))) AND block\$	US-PGPUB; USPAT	OR	OFF	2003/12/09 10:03

S13	27	((("375"/\$.CCLS. AND @pd<"20001229") AND (SNR OR "signal to noise"))) AND block\$) AND (frame NEAR size)	US-PGPUB; USPAT	OR	OFF	2003/12/09 10:16
S14	0	("375"/\$.CCLS. AND @pd<"20001229") AND (adaptive NEAR ("sample rate"))	US-PGPUB; USPAT	OR	OFF	2003/12/09 10:16
S15	963	("375"/\$.CCLS. AND @pd<"20001229") AND ("sample rate")	US-PGPUB; USPAT	OR	OFF	2003/12/09 10:18
S16	1	((("375"/\$.CCLS. AND @pd<"20001229") AND (SNR OR "signal to noise"))) AND (variable NEAR "sample rate")	US-PGPUB; USPAT	OR	OFF	2003/12/09 10:17
S17	122	((("375"/\$.CCLS. AND @pd<"20001229") AND (SNR OR "signal to noise"))) AND "sample rate"	US-PGPUB; USPAT	OR	OFF	2003/12/09 10:26
S18	4	((("375"/\$.CCLS. AND @pd<"20001229") AND (SNR OR "signal to noise"))) AND "sample rate") AND OFDM	US-PGPUB; USPAT	OR	OFF	2003/12/09 10:26
S19	357	Goertzel	US-PGPUB; USPAT	OR	OFF	2003/12/09 11:13
S20	1444	("375"/\$.CCLS. AND @pd<"20001229") AND TDMA	US-PGPUB; USPAT	OR	OFF	2003/12/09 11:41
S21	17	((("375"/\$.CCLS. AND @pd<"20001229") AND TDMA) AND (TDMA near advantage\$)	US-PGPUB; USPAT	OR	OFF	2003/12/09 15:11
S22	1433	375/222.CCLS.	US-PGPUB; USPAT	OR	OFF	2003/12/09 15:12
S23	173	375/222.CCLS. AND window	US-PGPUB; USPAT	OR	OFF	2003/12/09 15:26
S24	9	(375/222.CCLS. AND window) AND hamming	US-PGPUB; USPAT	OR	OFF	2003/12/09 15:13
S25	105	(375/222.CCLS. AND window) AND samples	US-PGPUB; USPAT	OR	OFF	2003/12/10 08:43
S26	105	(375/222.CCLS. AND window) AND samples	US-PGPUB; USPAT	OR	OFF	2003/12/10 08:43
S27	70	((375/222.CCLS. AND window) AND samples) AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2003/12/10 10:40
S28	23245	"375"/\$.CCLS. AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2003/12/10 11:08
S29	607	("375"/\$.CCLS. AND @pd<"20001229") AND FFT	US-PGPUB; USPAT	OR	OFF	2003/12/10 10:40

S30	33	((("375"/\$.CCLS. AND @pd<"20001229") AND FFT) AND (frequency NEAR FFT)	US-PGPUB; USPAT	OR	OFF	2003/12/10 10:41
S31	23245	"375"/\$.CCLS. AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2003/12/10 11:08
S32	0	("375"/\$.CCLS. AND @pd<"20001229") AND ("transformation is frequency selective")	US-PGPUB; USPAT	OR	OFF	2003/12/10 11:08
S33	58	((("375"/\$.CCLS. AND @pd<"20001229") AND FFT) AND "frequency selective"	US-PGPUB; USPAT	OR	OFF	2003/12/10 11:09
S34	23245	"375"/\$.CCLS. AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2003/12/10 15:01
S35	80	("375"/\$.CCLS. AND @pd<"20001229") AND "sample rate" AND "bit error rate"	US-PGPUB; USPAT	OR	OFF	2003/12/10 15:03
S36	2	("375"/\$.CCLS. AND @pd<"20001229") AND ("sample rate" SAME "bit error rate")	US-PGPUB; USPAT	OR	OFF	2003/12/10 15:13
S37	0	("375"/\$.CCLS. AND @pd<"20001229") AND ("signal to noise" AND "sample rate")	US-PGPUB; USPAT	OR	OFF	2003/12/10 15:13
S38	4	"phase change detection".TI.	US-PGPUB; USPAT	OR	OFF	2004/06/21 15:49
S39	2099722	EP "0" "565" "672" B1	EPO	OR	OFF	2004/06/21 15:50
S40	0	"0565672"	EPO	OR	OFF	2004/06/21 15:50
S41	0	"565672"	EPO	OR	OFF	2004/06/21 15:50
S42	0	"EP0565672"	EPO	OR	OFF	2004/06/21 15:52
S43	0	"EP 0565672"	EPO	OR	OFF	2004/06/21 15:52
S44	0	"EP 0 565 672"	EPO	OR	OFF	2004/06/21 15:52
S45	0	" 565 672"	EPO	OR	OFF	2004/06/21 15:52
S46	0	"565 672"	EPO	OR	OFF	2004/06/21 15:52
S47	0	375/329.CCLS. AND "block length" AND (frequency ADJ3 transform)	US-PGPUB; USPAT	OR	OFF	2004/07/02 17:47
S48	0	375/329.CCLS. AND (frequency ADJ3 transform)	US-PGPUB; USPAT	OR	OFF	2004/07/02 17:47
S49	0	375/329.CCLS	US-PGPUB; USPAT	OR	OFF	2004/07/02 17:47
S50	444	375/329.CCLS.	US-PGPUB; USPAT	OR	OFF	2004/07/02 17:47
S51	24	375/329.CCLS. AND FFT	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:15
S52	14	(375/329.CCLS. AND FFT) AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/02 18:05

S53	88	("tone" AND "detection").TI.	US-PGPUB; USPAT	OR	OFF	2004/07/02 18:05
S54	50	("tone" AND "detection").TI. AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/02 18:05
S55	0	"adjustable lenght"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:15
S56	12598	"adjustable length"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:15
S57	0	"adjustable length" AND 375/329. CCLS.	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:41
S58	4	"adjustable length" AND FFT	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:16
S59	11	"symbol length" AND 375/329. CCLS.	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:17
S60	7	("symbol length" AND 375/329. CCLS.) AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:18
S61	1104	(adaptive OR adjust\$ OR variable) ADJ2 symbol	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:19
S62	11	(adaptive OR adjust\$ OR variable) ADJ2 "symbol length"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:19
S63	89	(adaptive OR adjust\$ OR variable) ADJ2 "block length"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:19
S64	49	((adaptive OR adjust\$ OR variable) ADJ2 "block length") AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:33
S65	499	"tone change"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:33
S66	266	"phase change" ADJ detect\$	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:36
S67	0	"tone change" ADJ detect	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:33
S68	3	"tone change" ADJ detect\$	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:34
S69	181	("phase change" ADJ detect\$) AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:34
S70	5	((("phase change" ADJ detect\$) AND @pd<"20001229") AND FFT	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:34
S71	9	("phase change" ADJ detect\$) AND FFT	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:36
S72	21	("phase change" ADJ detect\$) AND transform	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:37
S73	47	Gerlach.IN. AND Christian.IN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/07/06 08:38
S74	51	375/329.CCLS. AND "transform"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:41

S75	32	(375/329.CCLS. AND "transform") AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:54
S76	0	((375/329.CCLS. AND "transform") AND @pd<"20001229") AND "block length"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:42
S77	4830	"block length" OR "block size" AND transform AND phase AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:55
S78	579	("block length" OR "block size") AND transform AND phase AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:55
S79	1	((("block length" OR "block size") AND transform AND phase AND @pd<"20001229") AND 375/329.CCLS.	US-PGPUB; USPAT	OR	OFF	2004/07/06 08:56
S80	28	((("block length" OR "block size") AND transform AND phase AND @pd<"20001229") AND 375/316-352.CCLS.	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:08
S81	363	375/316-352.CCLS. AND "coherent demodulation"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:08
S82	257	(375/316-352.CCLS. AND "coherent demodulation") AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:08
S83	237	((375/316-352.CCLS. AND "coherent demodulation") AND @pd<"20001229") AND "block"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:11
S84	3	((375/316-352.CCLS. AND "coherent demodulation") AND @pd<"20001229") AND "block size"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:14
S85	1	"4887050".PN.	USPAT	OR	OFF	2004/07/06 09:14
S86	1	"4983906".PN.	USPAT	OR	OFF	2004/07/06 09:14
S87	6	((375/316-352.CCLS. AND "coherent demodulation") AND @pd<"20001229") AND "block length"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:34
S88	308	"phase unwrapping"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:34
S89	135	"phase unwrapping" AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:34
S90	0	("phase unwrapping" AND @pd<"20001229") AND "block length"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:35
S91	87	("phase unwrapping" AND @pd<"20001229") AND "block"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:39
S92	0	316/325.CCLS.	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:40

S93	105	375/325.CCLS.	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:40
S94	67	375/325.CCLS. AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:41
S95	914	"fast fourier" AND quadrature AND "375"/\$.CCLS.	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:42
S96	45	("fast fourier" AND quadrature AND "375"/\$.CCLS.) AND "block length"	US-PGPUB; USPAT	OR	OFF	2004/07/06 09:42
S97	181	"block" WITH variable WITH (SNR OR noise)	US-PGPUB; USPAT	OR	OFF	2004/07/06 10:00
S98	28	((("block" WITH variable WITH (SNR OR noise)) AND @pd<"20001229") AND transform	US-PGPUB; USPAT	OR	OFF	2004/07/06 10:00
S99	107	("block" WITH variable WITH (SNR OR noise)) AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 10:02
S10 0	13	((("block" WITH variable WITH (SNR OR noise)) AND @pd<"20001229") AND "375"/\$. CCLS.	US-PGPUB; USPAT	OR	OFF	2004/07/06 10:02
S10 1	151	TDMA AND "block length"	US-PGPUB; USPAT	OR	OFF	2004/07/06 13:25
S10 2	68	(TDMA AND "block length") AND @pd<"20001229"	US-PGPUB; USPAT	OR	OFF	2004/07/06 15:40
S10 3	1	"20020173282"	US-PGPUB; USPAT	OR	OFF	2004/07/06 15:40
S10 4	2	("5119322"   "5272446").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/13 13:30
S10 5	3	("5852638").URPN.	USPAT	OR	ON	2004/12/13 13:35
S10 6	7280	DTMF	USPAT	OR	ON	2004/12/13 13:35
S10 7	2168	"dual tone" ADJ multi-frequency	USPAT	OR	ON	2004/12/13 16:59
S10 8	2067	S107 AND S106	USPAT	OR	ON	2004/12/13 13:36
S10 9	1927	S108 AND @ad<"20001229"	USPAT	OR	ON	2004/12/13 15:35
S11 0	21	S109 AND goertzel	USPAT	OR	ON	2004/12/13 14:14
S11 1	16	"5644634"	USPAT	OR	ON	2004/12/13 14:14
S11 2	1	"5644634".pn.	USPAT	OR	ON	2004/12/13 14:14



S11 3	233	S109 AND divide	USPAT	OR	ON	2004/12/13 14:26
S11 4	1927	S109 AND frame	USPAT	OR	ON	2004/12/13 14:26
S11 5	491	S109 AND frame	USPAT	OR	ON	2004/12/13 14:26
S11 6	49	S115 AND (divide WITH (signal OR frame))	USPAT	OR	ON	2004/12/13 14:26
S11 7	29	S108 AND @ad<"20001229" AND ((phase OR tone) ADJ change)	USPAT	OR	ON	2004/12/13 17:12
S11 8	29	S117 NOT S110	USPAT	OR	ON	2004/12/13 14:29
S11 9	9	("4689760"   "4853958"   "5257309"   "5325427"   "5333191"   "5353345"   "5408529"   "5426696"   "5428680").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/13 14:33
S12 0	3	S106 AND DPSS	USPAT	OR	ON	2004/12/13 14:39
S12 1	9	("4689760"   "4853958"   "5257309"   "5325427"   "5333191"   "5353345"   "5408529"   "5426696"   "5428680").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/13 17:13
S12 2	13	("5644634").URPN.	USPAT	OR	ON	2004/12/13 14:48
S12 3	6	S108 AND @ad<"20001229" AND (non ADJ uniform)	USPAT	OR	ON	2004/12/13 15:36
S12 4	4	("5588053"   "5644634"   "5809133"   "6269093").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/13 15:52
S12 5	0	("6556674").URPN.	USPAT	OR	ON	2004/12/13 15:52
S12 6	15	("4860340"   "4868872"   "4979214"   "5119322"   "5172406"   "5392348"   "5428680"   "5459785"   "5535271"   "5633862"   "5644633"   "5644634"   "5699421"   "5809133"   "6229889").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/13 17:13
S12 7	0	("6560331").URPN.	USPAT	OR	ON	2004/12/13 16:58
S12 8	0	"20020041640"	USPAT	OR	ON	2004/12/13 16:58
S12 9	0	"20020041640"	USPAT	OR	ON	2004/12/13 16:59

S13 0	1	"20020041640"	US-PGPUB; USPAT	OR	ON	2004/12/13 16:59
S13 1	2168	"dual tone" ADJ multi-frequency	USPAT	OR	ON	2004/12/14 08:04
S13 2	3048	"dual tone" ADJ multi-frequency	US-PGPUB; USPAT	OR	ON	2004/12/13 17:14
S13 3	880	S132 NOT S107	US-PGPUB; USPAT	OR	ON	2004/12/13 17:13
S13 4	124	S133 AND time ADJ division	US-PGPUB; USPAT	OR	ON	2004/12/13 17:00
S13 5	3	S134 AND goertzel	US-PGPUB; USPAT	OR	ON	2004/12/13 17:00
S13 6	0	S133 AND DPSS	US-PGPUB; USPAT	OR	ON	2004/12/13 17:12
S13 7	5	S133 AND ((phase OR tone) ADJ change)	US-PGPUB; USPAT	OR	ON	2004/12/13 17:13
S13 8	9	("4689760"   "4853958"   "5257309"   "5325427"   "5333191"   "5353345"   "5408529"   "5426696"   "5428680").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/13 17:13
S13 9	15	("4860340"   "4868872"   "4979214"   "5119322"   "5172406"   "5392348"   "5428680"   "5459785"   "5535271"   "5633862"   "5644633"   "5644634"   "5699421"   "5809133"   "6229889").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/13 17:13
S14 0	379	S132 AND "time division"	US-PGPUB; USPAT	OR	ON	2004/12/13 17:14
S14 1	247	S140 AND @ad<"20001229"	US-PGPUB; USPAT	OR	ON	2004/12/13 17:14
S14 2	114	"dual tone" ADJ multi-frequency	EPO; JPO	OR	ON	2004/12/14 08:15
S14 3	31	Christian.IN. AND Gerlach.IN.	EPO; JPO	OR	ON	2004/12/14 08:08
S14 4	41	Georg.IN. AND Gerlach.IN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/14 08:08
S14 5	41	Georg.IN. AND Gerlach.IN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/14 08:08
S14 6	49	Christian.IN. AND Gerlach.IN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/14 08:08



S14 7	18	S146 NOT S143	US-PGPUB; USPAT; EPO; JPO	OR	ON	2004/12/14 08:08
S14 8	0	"10000008.8"	EPO; JPO	OR	ON	2004/12/14 08:14
S14 9	0	"100 00 008.8"	EPO; JPO	OR	ON	2004/12/14 08:14
S15 0	3052	"dual tone" ADJ multi-frequency	US-PGPUB; USPAT	OR	ON	2004/12/14 08:19
S15 1	108	S150 AND multiple ADJ channel\$	US-PGPUB; USPAT	OR	ON	2004/12/14 08:16
S15 2	66	S151 AND @ad<"20001229"	US-PGPUB; USPAT	OR	ON	2004/12/14 08:16
S15 3	15	S150 AND (divide WITH blocks)	US-PGPUB; USPAT	OR	ON	2004/12/14 08:21
S15 4	649	S150 AND (signal WITH blocks)	US-PGPUB; USPAT	OR	ON	2004/12/14 08:21
S15 5	102	S150 AND (signal WITH divide)	US-PGPUB; USPAT	OR	ON	2004/12/14 08:21
S15 6	1	"20030039301"	US-PGPUB; USPAT	OR	ON	2004/12/22 16:59
S15 7	17	"5644634"	US-PGPUB; USPAT	OR	ON	2005/01/03 11:47
S15 8	6	"6370244"	US-PGPUB; USPAT	OR	ON	2005/01/03 11:47
S15 9	5	("5937059").URPN.	USPAT	OR	ON	2005/01/03 12:15
S16 0	3	("5588053"   "5644634"   "5694466").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/03 14:20
S16 1	3412	OFDM	US-PGPUB; USPAT	OR	ON	2005/01/03 14:57
S16 2	313	OFDM with TDMA	US-PGPUB; USPAT	OR	ON	2005/01/03 14:57
S16 3	70	S162 AND @ad<"20001229"	US-PGPUB; USPAT	OR	ON	2005/01/03 16:08
S16 4	0	TDMA AND Groetzel	US-PGPUB; USPAT	OR	ON	2005/01/03 16:09
S16 5	868	TDMA AND (FFT OR DFT)	US-PGPUB; USPAT	OR	ON	2005/01/03 16:09
S16 6	476	S165 AND @ad<"20001229"	US-PGPUB; USPAT	OR	ON	2005/01/03 16:09